

Honolulu High-Capacity Transit Corridor Project
Safety and Security Oversight and Review Committee
Meeting #7

Date: April 2, 2009

Attendees:

RTD	Harvey Berliner, Ken Caswell, Jurgen Sumann, Tesse Roberts
DTS	James Burke, Sandra Abelaye
GEC	Jim Van Epps, Lee Williams, Peter Loverso, Mike Becher, Kanu Parmar, Sherry Rascovar, Dick Leslie
DEM	Ken Gilbert
HFD	Eric Adams, Edward Simeona, Sheldon Yasso
HPD	Mark Ward, Brandon Stone
DPP	Timothy Hiu
DOT	Glenn Soma
DHS	Bill Woodward, Richard Mitchem

Attendee sign-in sheet is attached.

Agenda: attached

Minutes:

- The meeting was held at the HHCTC Project offices – Ali'i Place (1099 Alakea Street), 17th Floor.
- Self introductions
- Lee Williams will be replacing Harry Saporta as the GEC lead.
- Minutes of the January 29, 2009 meeting were reviewed and approved as written.

Project Update (Agenda item IV)

- Harvey Berliner gave the project update.
- The Draft Environmental Impact Statement (DEIS) Comment period closed February 6, 2009. Responses to comments and the FEIS are now being prepared. RTD expects to submit the document to FTA in the late summer, receive the ROD in the fall, and break ground by the end of the year.
- The Oahu Farrington Guideway D/B RFP Part 1 was released in February, and Part 2 will be released on April 3 to selected teams. Proposals will be due in July.
- The Core Systems D/B RFP Part 1 will be released next week (April 10), and Part 2 will be released in July.
- The Maintenance & Systems Facility (MSF) D/B RFP Part 1 will be released in May.
- Architecture design firms will be selected at the end of the year.

Overview of Train Control (Agenda Item V)

- Mike Becher and Dick Leslie provided a PowerPoint presentation on Train Control.

- Automatic Train Control (ATC) is a train protection system ensuring the safe and smooth operation of trains. It accomplishes this via three channels: supervision, operation, and protection.
- The Honolulu system will be fully automated, driverless, be capable of bi-directional operation, have distributed control with OCC oversight, and run at a maximum speed of 65 mph with a recovery speed of 30 mph and a manual speed of 10 mph. It will contain hazard and encroachment detection throughout the system. Within the MSF, the Yard Control Tower will control routing, switch machines, and route indicators.
- Specific details regarding the secondary access to the MSF were presented to the group for comment. The secondary access will consist of an exterior and an interior gate at the north side of the MSF site. The road will cross 2 automated main line tracks, 1 automated yard track, and 2 manual yard tracks. It will be used to deliver the 60 rail cars and as an alternative emergency access to the site in the event the primary entrance is unavailable.
- The exterior and interior gates would be interlocked with the ATC, so that trains would be stopped automatically when the command to open either gate is issued. The exterior gate would consist of a sliding motorized gate and the interior gate would have 2 swinging motorized gates. Both gates could be operated manually in an emergency. There will be 3 ways to issue the command to open the gates: the Yard Control Tower, the OCC, or manually via a key or keycard at the gate. When the command is given to open the gate, a LED indicator will initially show red status. As the request to stop trains is sent and the OCC is told that the process has begun, the indicator will be yellow. When the trains have been stopped and the gate begins to open, the indicator will show green. Traffic loops in the pavement at both gates will ensure that all vehicles that enter a gate, exit through the other gate. Gates will remain open during an emergency response. Once the gates are closed, train movements will resume.
- Safety features of ATC include: redundant safety critical systems, door safety interlocking, comprehensive safety programs, software verification, and manual operations are always possible. Door closing safety procedures remain an open issue.
- We will have the Core Systems subcontractor responsible for the ATC present to the SSORC once they are brought on board and complete their initial design.

Update on Security Assessment and Meetings Held (Agenda Item VI)

- Pete Loverso met with the Airport, Navy, and Federal Courthouse this week.
- Navy: Met with Force Protection, drove the alignment near housing & facilities. The Pearl Harbor station location isn't finalized but will be discussed at a meeting on April 10. There are some security concerns but all issues appear to be workable. Will add to draft TVA as appendix once the design is more definitive.
- Airport: Met with Operations and Security to discuss the project and potential security issues. The system is being designed to address the raised threat level and all issues appear to be solvable. How people can get from the station to the airport has not yet been worked out, but RTD is working with the airport consultants PTG and HOK. We will meet again next week to discuss this as well as where the rail alignment impacts a portion of the interisland taxiway.
- Federal Courthouse: The first meeting with the GSA was held in November, and a follow-up meeting was held this week. The judges and GSA are very concerned about security issues. We requested the most stringent security requirements for buildings and for personnel from those in attendance (a number of government agencies were represented at this meeting). We will meet the GSA requirements once they

tell us what they are. We continue to work with Force Protection services, have sent the US Marshalls electronic versions of documents, and confirmed verbally via a discussion with the State Department Facilities lead that they have no issues with the alignment at the Courthouse.

Overview of TSA's Involvement on the Project (Agenda Item VII)

- Bill Woodward discussed the TSA's involvement in transit systems.
- The TSA provides security oversight as per the ATSA legislation in 2002. They provide regulation in aviation, but the only regulation applied to transit is 49 CFR 15.20 & 15.80 (1988). While it pertains mostly to freight rail, it also encompasses the reporting of significant security incidents and surface inspectors for rail transit.
- The TSA's guiding principles or concerns are to avoid anything that elevates the security level.
- The TSA is exploring SCADA systems in a partnership with Lawrence Livermore Labs. They are looking into information security and will share practices and guiding principles with RTD.
- The TSA has worked with the top 100 transit agencies in the US to identify the 55 best practices to increase the security baseline. They will share this with the GEC.
- He reminded the group that transportation security grants are available for training, drills, exercises, and new passive explosive detection systems.

Fire Life Safety Design Criteria Status (Agenda Item VIII)

- Harvey Berliner indicated that this will be finished shortly, at which time it will be distributed to the group for comments and review.

Development of the State Safety Oversight Agency (SSOA) (Agenda Item IX)

- Harvey Berliner will be meeting with HDOT (Glenn Soma) next week to develop the plans for the formation of the SSOA.
- At this time, there has been no response from the Governor to FTA's February 10 letter.

Action Item Log (Agenda Item X)

- This will be updated for the next meeting

Other Issues (Agenda Item XI)

- HPD will be touring three West Coast transit systems (San Diego, Los Angeles, and Portland).
- The next meetings will take place as follows:
 - June – approximately June 18th, unconfirmed at this point.
 - July – cancel
 - September
 - November
- Fire Inspector Yasso will be promoted to Captain in two weeks.

**Honolulu Rail Transit Project
Safety and Security Oversight and Review Committee (SSORC)
Meeting #7
Apr 2, 2009 - 1:30 pm
Ali'i Place (1099 Alakea Street) 17th Floor
Large Conference Room**

- | | |
|---|------------------------------------|
| I. Welcome | Harvey Berliner |
| II. Introduction of members | Harvey Berliner |
| III. Adoption of Jan 29, 2009 Minutes | Harvey Berliner |
| IV. Project Update | Harvey Berliner |
| V. Overview of Train Control | Mike Becher
Dick Leslie |
| VI. Updated on Security Assessment
and meetings held this past week | Pete Loverso |
| VII. Overview of TSA's involvement on the project | Bill Woodward |
| VIII. Fire / Life Safety Design Criteria | Harvey Berliner |
| IX. Development of the State Safety
Oversight Agency (SSOA) | Harvey Berliner |
| X. Action Item Log | Harvey Berliner |
| XI. Other Issues | Harvey Berliner |
| <ul style="list-style-type: none">• HPD trip to West Coast transit agencies• Any issues the group would like to present? | |
| 2009 meeting months | |
| <ul style="list-style-type: none">• June – Operations Control Center• July• September• November | |

HONOLULU HIGH-CAPACITY TRANSIT CORRIDOR PROJECT
SAFETY AND SECURITY OVERSIGHT AND REVIEW COMMITTEE ATTENDANCE SHEET
MEETING No. 7 Apr 02, 2009

Organization	Name	Title	Phone No. (808 area code unless otherwise indicated)	Email Address	Initials
RTD	Toru Hamayasu	Project Executive	768-8344	thamavasu@honolulu.gov	
RTD	Phyllis Kurio	Planner	768-8347	pkurio@honolulu.gov	
RTD	Ken Banao	Planner	768-8352	kbanao@honolulu.gov	142
RTD	Harvey Berliner	Chief, Facilities Engineering	768-6123	berliner@infraconsultllc.com	HCB
RTD	Jurgen Sumann	Chief, Systems Engineering	768-6166	sumann@infraconsultllc.com	
RTD	Ken Caswell	Chief Architect	768-6188	caswell@infraconsultllc.com	KWC
DTS	James Burke	Public Transit Division Chief		jburke@honolulu.gov	JB
DTS	Sandra Abelayre	Planner	768-8371	sabelayre@honolulu.gov	SA
GEC	Jim Van Epps	Project Manager	768-6157	vanepps@pbworld.com	JE
GEC	Lee Williams	Manager, Systems Safety & Security	973-565-4861	williamscli@pbworld.com	LEW
GEC	Jim Dunn	Design Manager	694-3220	dunnj@pbworld.com	JD
GEC	Peter Loverso	Security Specialist	843-516-6498	loverso@pbworld.com	PL
GEC	Mike Becher	Systems Design Manager	768-6163	becher@pbworld.com	MB
GEC	Kanu Parmar	Architect	694-3210	parmar@pbworld.com	KP
GEC	Blake Russo	Comm. Systems Engineer	303-390-5861	russo@pbworld.com	
GEC	Gulzar Ahmed	Supervising Engineer	714-564-2735	ahmedg@pbworld.com	
GEC	Martin Hall	Segment Lead	694-3226	hallmar@pbworld.com	
GEC	Paul Rottenbiller	Industrial Engr.	212-465-5462	Rottenbiller@pbworld.com	
GEC	Ken Harris	M/E Facilities	916-567-2503	Harris@pbworld.com	
DEM	Peter Hirai	Deputy Director	723-8960	phirai@honolulu.gov	
DEM	Ken Gilbert	Disaster Preparedness Officer	723-8955	kgilbert@honolulu.gov	KG

**HONOLULU HIGH-CAPACITY TRANSIT CORRIDOR PROJECT
SAFETY AND SECURITY OVERSIGHT AND REVIEW COMMITTEE ATTENDANCE SHEET
MEETING No. 7 Apr 02, 2009**

Organization	Name	Title	Phone No. (808 area code unless otherwise indicated)	Email Address	Initials
DEM	Melvin Kaku	Director	723-8951	mkaku@honolulu.gov	
HFD	Eric L. Adams Jr.	Assistant Chief of Planning and Development	723-7106	eadams@honolulu.gov	EA
HFD	Edward Simeona	Battalion Chief of Fire Operations	723-7181	esimeona@honolulu.gov	ES
HFD	Stephen Kishida	Fire Captain of Fire Prevention Bureau	523-4186	skishida@honolulu.gov	
HFD	Sheldon Yasso	Fire Inspector	523-4186	syasso@honolulu.gov	SY
HPD	Kevin Lima	Asst. Chief		klima@honolulu.gov	
HPD	Randy Macadangdang	Asst. Chief	529-3164	rmacadangdan@honolulu.gov	
HPD	Mark Ward	Captain	540-8116	mward@honolulu.gov	mw
HPD	James Anderson	Lieutenant	540-8117	janderson@honolulu.gov	
HPD	Brandon J. Stone	Management Analyst	529-3644	jstone@honolulu.gov	JS
ESD	Elizabeth A. Char	Director	723-7800	lchar@honolulu.gov	
ESD	Donald Gates	Assistant Chief of EMS	723-7804	dgates@honolulu.gov	
ESD	Norman Hahn	District Chief	690-2262	nhahn@honolulu.gov	
ESD	Colin Wong	MICT	723-7809	cwong2@honolulu.gov	
DPP	Timothy Hiu	Acting Bldg. Division Chief	768-8120	thiu@honolulu.gov	TH
PMO	John Simon	PMO Safety & Security Specialist	714-287-7095	simon_john@bah.com	
OTS	Todd Oba	Director of Safety & Security	848-4591	toba@thebus.org	
TEC	Mel Harano	Fire Protection Eng.	356-2452	Harano@thermaleng.com	
L+E	Chris Gambila	Sr. Associate	630-562-9407	cgambila@leae Elliott.com	

HONOLULU HIGH-CAPACITY TRANSIT CORRIDOR PROJECT

Organization	Name	Title	Phone No. (808 area code unless otherwise indicated)	Email Address	Initials
UH Manoa	Jimmy Lagunero	Asst. Emerg. Mgt.	956-0773	lagunero@hawaii.edu	
GEC	Sherry Raslowe	Mgr	314-609-2812	RasloweSCPowell.com	
RTD	Tesse Roberts	Sr. Civil Eng.	213-219-3196	roberts@infraconsultllc.com	
DHS/PSA	Richard S. MITCHELL	PROTECTOR SECRETARY ADVISOR	SSA-2091 RICHARD.MITCHELL@dhs.gov		
DNS/TSA	Bill Woodward	ADGM, TSNM-MT	818 804-1131	bill.woodward@dhs.gov	
PB	Dick Laszic	Sr System E&C Mgr.	404 364 2677	laszic@phoenix.com	
DOT-SIP	Glenn Soma		808 587-1845	glenn.soma@hawaii.gov	